

U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE		DATE: May 6, 2005
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. PPN. NO. (if known, see 37 CFR 1.5) <b>10/534035</b>
INTERNATIONAL APPLICATION NO.: <b>PCT/US03/35395</b>	INTERNATIONAL FILING DATE: <b>November 6, 2003</b>	PRIORITY DATE CLAIMED: <b>November 6, 2002</b>
TITLE OF INVENTION: <b>ANALYSIS OF GEOMETRIC SURFACES BY CONFORMAL STRUCTURE</b>		
APPLICANT(S) FOR DO/EO/US: <b>Shing-Tung YAU; Xiangfeng GU; Yalin WANG</b>		
Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 USC 371(f)) at any time rather than delay examination until the expiration of the time limit set in 35 USC 371(b) and PCT Articles 22 and 39(1).</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31)</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)):           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not transmitted by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> A English language translation of the International Application (35 U.S.C. 371(c)(2)).           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> has been transmitted by the International Bureau.</li> <li>c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> have been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> A English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input checked="" type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>		
<b>ITEMS 11 TO 20 BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:</b>		
<ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer readable form of the sequence listing in accordance with PCT Rule 13 ter.2 and 37 CFR 1.821- 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Small entity status is claimed.</li> <li>21. <input checked="" type="checkbox"/> Other items or information: <b>Replacement of page 5; Article 34 Amendment</b></li> </ol>		

U.S. APPLICATION NO. <b>107534035</b> (if known, see 37 CFR 1.55)		INTERNATIONAL APPLICATION NO. <b>PCT/US03/35395</b>		ATTORNEY'S DOCKET NO: <b>050106</b>	
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The following fees are submitted: 21. ■ Basic National Fee (37 CFR 1.492(a)(1)-(5): ..... \$300.00	CALCULATIONS <b>300.00</b>	PTO USE ONLY			
22. ■ Examination fee -- If International preliminary amendment report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$100.00 -- All other situations ..... \$200.00	<b>200.00</b>				
23. ■ Search fee -- Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority ..... \$100.00 -- International Search Report prepared and provide to the Office. .... \$400.00 -- All other situations ..... \$200.00	<b>100.00</b>				
<b>TOTAL OF 21, 22 and 23 =</b>					
■ Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof					
Total . Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round <b>up</b> to a whole number)	RATE		
55	0		x \$250.00		
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than <u>  </u> 20 or <u>  </u> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	<b>46</b> -20 =	<b>26</b>	X \$ 50.00	<b>1,300.00</b>	
Independent claims	<b>13</b> - 3 =	<b>10</b>	X \$ 200.00	<b>2,000.00</b>	
MULTIPLE DEPENDENT CLAIMS(s) (if applicable)			+ \$360.00		
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>3,900.00</b>	
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2 .				<b>1,950.00</b>	
<b>SUBTOTAL =</b>				<b>1,950.00</b>	
Processing fee of <b>\$130.00</b> for furnishing the English translation later than <u>  </u> 20 <u>  </u> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+	
<b>TOTAL NATIONAL FEE =</b>				<b>1,950.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property +				<b>40.00</b>	
<b>TOTAL FEES ENCLOSED =</b>				<b>1,990.00</b>	
				Amount to be refunded:	\$
				Amount to be charged:	\$

a. **XX**    The amount of \$ **1,990.00** to cover the above fees is enclosed together with Form PTO-2038.

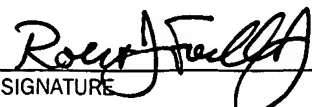
b.        Please charge my Deposit Account No. 50-2394 in the amount of \$        to cover the above fees. (A duplicate copy of this sheet is enclosed.)

c. **XX**    The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2394.

**NOTE:**    Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.

Send All Correspondence To:

Customer No. **34003**  
 INTELLECTUAL PROPERTY SOLUTIONS, INCORPORATED  
 5717 Colfax Avenue  
 Alexandria, VA 22311  
 Phone: (703) 379-9625  
 Fax: (703) 379-9628

  
 SIGNATURE  
 Robert J. Forsell, Jr.  
 NAME  
 51,693  
 REGISTRATION NUMBER